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NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
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NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42	Jun 06	Simultaneous left and right truncation added to CBNB

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 NEWS 43  Jun 06  PASCAL enhanced with additional data
 NEWS 44  Jun 20  2003 edition of the FSTA Thesaurus is now available

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
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=> s ef-tu
L1         2545 EF-TU

=> s l1 and (heat or drought or stress)
L2          132 L1 AND (HEAT OR DROUGHT OR STRESS)

=> s l1 and drought
L3            2 L1 AND DROUGHT

=> d 1-2 ti

L3   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2003 ACS
TI   Maize chloroplast protein synthesis elongation factor EF-
     Tu and methods of usefor same to enhance heat and drought
     tolerance

L3   ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2003 ACS
TI   Toward elucidating the global gene expression patterns of developing
     Arabidopsis: parallel analysis of 8 300 genes by a high-density
     oligonucleotide probe array


=> d pi
```

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003044972	A1	20030306	US 2001-810764	20010316

=> s l2 and chloroplast
L4 20 L2 AND CHLOROPLAST

=> dup rem l4
PROCESSING COMPLETED FOR L4
L5 15 DUP REM L4 (5 DUPLICATES REMOVED)

=> d 1-15 ti

L5 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2003 ACS
TI Maize **chloroplast** protein synthesis elongation factor **EF -Tu** and methods of usefor same to enhance **heat** and **drought** tolerance

L5 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
TI Heterologous expression of maize **chloroplast** protein synthesis elongation factor (**EF-Tu**) enhances Escherichia coli viability under **heat stress**

L5 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2003 ACS
TI **Chloroplast** protein synthesis elongation factor (**EF-Tu**) and **heat** tolerance in Maize **EF-Tu** Mutant

L5 ANSWER 4 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A maize mutant with decreased capacity to accumulate **chloroplast** protein synthesis elongation factor (**EF-Tu**) displays reduced tolerance to **heat stress**.

L5 ANSWER 5 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Subcellular distribution and frequency of **chloroplast** protein synthesis elongation factor, **EF-Tu**, in a maize mutant with decreased capacity to accumulate **EF-Tu** under **heat stress**.

L5 ANSWER 6 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Maize **chloroplast** protein synthesis elongation factor (**EF-Tu**) prevents thermal aggregation and inactivation of citrate synthase and malate dehydrogenase.

L5 ANSWER 7 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI **Chloroplast** protein synthesis elongation factor (**EF-Tu**) and **heat** tolerance in maize **EF-Tu** mutant.

L5 ANSWER 8 OF 15 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 2
TI **Heat-stress** induced synthesis of **chloroplast** protein synthesis elongation factor (**EF-Tu**) in a **heat**-tolerant maize line.

L5 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2003 ACS
TI Toward elucidating the global gene expression patterns of developing Arabidopsis: parallel analysis of 8 300 genes by a high-density oligonucleotide probe array

L5 ANSWER 10 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Immunogold localization of maize **chloroplast** protein synthesis elongation factor (**EF-Tu**) under **heat stress** conditions.

L5 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2003 ACS
TI The structure and gene repertoire of an ancient red algal plastid genome

L5 ANSWER 12 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Maize **chloroplast** protein synthesis elongation factor (**EF-Tu**) and thermotolerance.

L5 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3
TI Endogenous substrates of the Euglena **chloroplast** chaperonin 60 at permissive and bleaching temperatures

L5 ANSWER 14 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A possible association between maize **chloroplast** protein synthesis elongation factor **EF-Tu** and **heat** tolerance.

L5 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 4
TI Effect of guanine nucleotides on the conformation and stability of **chloroplast** elongation factor Tu

=> d 2 ab

L5 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
AB A **heat**-tolerant maize line, ZPBL 1304, synthesizes increased amts. of **chloroplast** protein synthesis elongation factor (**EF-Tu**) under **heat stress** conditions.
Previous studies have suggested that maize **EF-Tu** may be involved in the development of **heat** tolerance. In this study, we tested the hypothesis that over-expression of maize **EF -Tu** enhances the viability of Escherichia coli under **heat stress**. The approach was to expose E. coli transformed with a maize **EF-Tu** expression vector (pTrcHis2A-Zmeftu1) to 55 .degree.C and assess viability at 37 .degree.C. Western blots showed E. coli over-produced recombinant **EF-Tu** protein, and the protein seemed to be in a highly sol. form. E. coli over-expressing maize **EF-Tu** showed increased viability after exposure to **heat stress**, demonstrating that the maize **EF-Tu** is involved in the development of **heat** tolerance.

=> d so

L5 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2003 ACS
SO U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO

=> d pi

L5 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2003 ACS

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003044972	A1	20030306	US 2001-810764	20010316

=> d 3 ab

L5 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2003 ACS
AB Maize **EF-Tu** has an over eighty percent similarity in sequence to the prokaryotic **EF-Tu** (Bhadula et. al. 2001). Prokaryotic **EF-Tu** has been shown to act as a mol. chaperone and play a role in protecting proteins from thermal denaturation (Caldas et. al. 1998). It has been hypothesized that maize **EF-Tu** may play a role in the development of **heat** tolerance (Bhadula et. al. 2001). To shed addnl. light on the function of maize **EF-Tu** in relation to **heat** tolerance, a maize **EF-Tu** mutant (Zmeftu::mum540) was studied. This maize mutant had decreased level of **EF-Tu** under high temp. conditions and displayed a reduced tolerance to **heat stress**. Also, **chloroplast** proteins from the Zmeftu::mum540 (with lower levels of **EF-Tu**) showed less **heat** stability then **chloroplast** proteins from the parent wild type (wild type has higher level of **EF-Tu**). The hypothesis is that **EF-Tu** provides protection to **heat stress** by acting as a mol. chaperone.

=> d 3 so

L5 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2003 ACS
SO Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United States, April 7-11, 2002 (2002), CHED-292 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69CKQP

=> d 4 ab

L5 ANSWER 4 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

=> d 4 so

L5 ANSWER 4 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Plant Biology (Rockville), (2002) Vol. 2002, pp. 150.
http://www.aspb.org/meetings/. print.
Meeting Info.: Annual Meeting of the American Society of Plant Biologists on Plant Biology Denver, CO, USA August 03-07, 2002 American Society of Plant Biologists
.

=> d 5 ab

L5 ANSWER 5 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

=> d 5 so

L5 ANSWER 5 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Plant Biology (Rockville), (2002) Vol. 2002, pp. 148-149.
http://www.aspb.org/meetings/. print.
Meeting Info.: Annual Meeting of the American Society of Plant Biologists on Plant Biology Denver, CO, USA August 03-07, 2002 American Society of Plant Biologists
.

=> d 6 ab

L5 ANSWER 6 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

=> d 6 so

L5 ANSWER 6 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Plant Biology (Rockville), (2002) Vol. 2002, pp. 148.
http://www.aspb.org/meetings/. print.
Meeting Info.: Annual Meeting of the American Society of Plant Biologists on Plant Biology Denver, CO, USA August 03-07, 2002 American Society of Plant Biologists
.

=> d 6 au

L5 ANSWER 6 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AU Ristic, Zoran (1); Rao, Damodara (1); Small, Gary (1); West, Rachel (1); Momcilovic, Ivana (1)

=> d 7 ab

L5 ANSWER 7 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

=> d 7 so

L5 ANSWER 7 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Abstracts of Papers American Chemical Society, (2002) Vol. 223, No. 1-2, pp. CHED 292. print.
Meeting Info.: 223rd National Meeting of the American Chemical Society Orlando, FL, USA April 07-11, 2002
ISSN: 0065-7727.

=> d 8 so

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(2003) DUPLICATE 2
SO Planta, Feb 2001. Vol. 212, No. 3. p. 359-366
Publisher: Berlin ; New York : Springer-Verlag, 1925-
CODEN: PLANAB; ISSN: 0032-0935

=> d 8 ab

L5 ANSWER 8 OF 15 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 2
AB A **heat**-tolerant maize (Zea mays L.) line, ZPBL 1304, synthesizes a unique set of five **heat**-shock polypeptides of 45 kDa. Previous studies suggested that these polypeptides might play a role in the development of thermotolerance in maize (Ristic et al., 1996, J. Plant Physiol. 149:424-432; Ristic et al., 1998, J. Plant Physiol. 153:497-505). In the present study, we isolated these polypeptides, sequenced them, and investigated their subcellular distribution and origin. Of the five polypeptides of 45 kDa, three polypeptides, including the two most abundant ones, yielded amino acid sequences similar to the **chloroplast** and bacterial protein synthesis elongation factor (**EF-Tu**). This was further confirmed using an antibody raised against maize **EF-Tu**, which showed a very strong

reaction with the 45-kDa **heat**-shock protein(s). Studies on subcellular distribution and origin revealed that the 45-kDa polypeptides were localized to the chloroplasts, and were likely of nuclear origin. A full-length maize **EF-Tu** cDNA (Zmeftul), previously isolated from the B73 line of maize, was used as a probe for northern blot analysis of RNA extracted from the ZPBL 1304 maize line (the nucleotide and deduced amino acid sequences of Zmeftul are 88% identical to the rice **EF-Tu** sequence). Northern blots showed a 1.85-fold increase in steady-state levels of **EF-Tu** mRNA during **heat stress**. An increase in **EF-Tu** transcript levels during **heat stress** was accompanied by increased levels of the **EF-Tu** protein. Isolated chloroplasts from **heat**-stressed plants also had higher levels of **EF-Tu** as compared to control chloroplasts. The maize **EF-Tu** polypeptides showed > 80% sequence similarity with the bacterial **EF-Tu**, which has recently been shown to function as a molecular chaperone and to play a role in the protection of other proteins from thermal denaturation (Caldas et al., 1998, J. Biol. Chem. 273:11478-11482). It is hypothesized that **chloroplast** **EF-Tu** of the ZPBL 1304 maize line plays an important role in the development of thermotolerance.

=> d 8 so

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SO Planta, Feb 2001. Vol. 212, No. 3. p. 359-366
Publisher: Berlin ; New York : Springer-Verlag, 1925-
CODEN: PLANAB; ISSN: 0032-0935

=> d 10 ab

L5 ANSWER 10 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

=> d 10 so

L5 ANSWER 10 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Plant Biology (Rockville), (2001) Vol. 2001, pp. 92. print.
Meeting Info.: Joint Annual Meetings of the American Society of Plant Biologists and the Canadian Society of Plant Physiologists Providence, Rhode Island, USA July 21-25, 2001 American Society of Plant Biologists
.

=> d 11 so

L5 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2003 ACS
SO Journal of Molecular Evolution (2000), 51(4), 382-390
CODEN: JMEVAU; ISSN: 0022-2844

=> d 12 so

L5 ANSWER 12 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Plant Biology (Rockville), (2000) Vol. 2000, pp. 104. print.
Meeting Info.: Annual Meeting of the American Society of Plant Physiologists San Diego, California, USA July 15-19, 2000 American Society of Plant Physiologists (ASPP)
.

=> d 13 so

L5 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3
SO Journal of Plant Physiology (1999), 154(2), 231-239
CODEN: JPPHEY; ISSN: 0176-1617

=> d 13 ab

L5 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3
AB Cultures of Euglena gracilis grown at the moderately elevated temp. of 33.degree. experience an irreversible loss of chlorophyll and **chloroplast** function known as **heat**-bleaching. Since mol. chaperones play an important role in protein folding, we considered whether or not **chloroplast** chaperonin 60 (Cpn60) binds to nascent polypeptides and newly imported polypeptides, its likely targets for folding. In this report, we address the effect of growth temp. on the ability of **chloroplast** Cpn60 to bind endogenous substrate in vivo using pulse-labeling and co-immunopptn. with antibody against Cpn60. Four major polypeptides and about a half-dozen minor polypeptides appear to be the targets of the chaperonin complex at the permissive temp. of 23.degree.. Among the principal targets are the large subunit of Rubisco (RbcL) and elongation factor-Tu (**EF-Tu**). By contrast, only RbcL co-immunoppts. with Cpn60 in stromal exts. from partially bleached Euglena but at a much reduced level. Assocns. between the chaperonin and its target polypeptides resume in a partially bleached culture when returned to the permissive temp. These observations suggest that **chloroplast** chaperonin targets only a small, select group of proteins for folding. In addn., the activity of the chaperonin complex in Euglena is sensitive to even a modest increase in growth temp.

=> d 14 so

L5 ANSWER 14 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Plant Biology (Rockville), (1999) Vol. 1999, pp. 126. print.
Meeting Info.: Annual Meeting of the American Society of Plant Physiologists Baltimore, Maryland, USA July 24-28, 1999 American Society of Plant Physiologists (ASPP)

=> d 15 so

L5 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 4
SO Journal of Biological Chemistry (1989), 264(10), 5510-14
CODEN: JBCHA3; ISSN: 0021-9258

=> d 15 ab

L5 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 4
AB The effect of guanine nucleotides and kirromycin on the conformation and stability of the **chloroplast** elongation factor Tu (EF-Tuchl) from Euglena gracilis was investigated. Free EF-Tuchl is quite thermolabile, but the protein is greatly stabilized by guanine nucleotides. The temp. dependence of the thermal inactivation of EF-Tuchl was used to calc. the amt. of stabilization energy conferred by the guanine nucleotides. GDP increases the activation energy for the denaturation process by 77 kcal/mol, whereas GTP increases the activation energy by 51 kcal/mol. The difference in **heat** stability of free EF-TUchl and the EF-Tuchl.cntdot.GDP complex was used to det. a dissocn.

const. of 1.3 .times. 10-7M at 37.degree.. The temp. dependence of the dissocn. const. allowed the calcn. of a .DELTA.H.degree.obsd of -55 kcal/mol and a .DELTA.S.degree.obsd of -146 cal/(mol degree) for GDP binding to EF-Tuchl. EF-Tuchl was found to have a trypsin-sensitive region similar to that obsd. for Escherichia coli **EF-Tu** . This loop region was protected by GTP and kirromycin but not by GDP.

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=> dis his

     (FILE 'HOME' ENTERED AT 09:01:13 ON 25 JUN 2003)

     FILE 'AGRICOLA, CAPLUS, BIOSIS' ENTERED AT 09:01:22 ON 25 JUN 2003
L1         2545 S EF-TU
L2          132 S L1 AND (HEAT OR DROUGHT OR STRESS)
L3            2 S L1 AND DROUGHT
L4           20 S L2 AND CHLOROPLAST
L5           15 DUP REM L4 (5 DUPLICATES REMOVED)

=> s l2 and maize
L6           14 L2 AND MAIZE

=> dup rem l6
PROCESSING COMPLETED FOR L6
L7           11 DUP REM L6 (3 DUPLICATES REMOVED)

=> d 1-11 ti

L7   ANSWER 1 OF 11  CAPLUS  COPYRIGHT 2003 ACS
TI   Maize chloroplast protein synthesis elongation factor EF
     -Tu and methods of usefor same to enhance heat and
     drought tolerance

L7   ANSWER 2 OF 11  CAPLUS  COPYRIGHT 2003 ACS        DUPLICATE 1
TI   Heterologous expression of maize chloroplast protein synthesis
     elongation factor (EF-Tu) enhances Escherichia coli
     viability under heat stress

L7   ANSWER 3 OF 11  CAPLUS  COPYRIGHT 2003 ACS
TI   Chloroplast protein synthesis elongation factor (EF-Tu
     ) and heat tolerance in Maize EF-Tu
     Mutant

L7   ANSWER 4 OF 11  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   A maize mutant with decreased capacity to accumulate chloroplast
     protein synthesis elongation factor (EF-Tu) displays
     reduced tolerance to heat stress.

L7   ANSWER 5 OF 11  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   Subcellular distribution and frequency of chloroplast protein synthesis
     elongation factor, EF-Tu, in a maize mutant
     with decreased capacity to accumulate EF-Tu under
     heat stress.

L7   ANSWER 6 OF 11  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   Maize chloroplast protein synthesis elongation factor (
     EF-Tu) prevents thermal aggregation and inactivation of
     citrate synthase and malate dehydrogenase.

L7   ANSWER 7 OF 11  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   Chloroplast protein synthesis elongation factor (EF-Tu
     ) and heat tolerance in maize EF-Tu
     mutant.
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TI **Heat-stress** induced synthesis of chloroplast protein synthesis elongation factor (**EF-Tu**) in a **heat** -tolerant **maize** line.

L7 ANSWER 9 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Immunogold localization of **maize** chloroplast protein synthesis elongation factor (**EF-Tu**) under **heat** **stress** conditions.

L7 ANSWER 10 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI **Maize** chloroplast protein synthesis elongation factor (**EF-Tu**) and thermotolerance.

L7 ANSWER 11 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A possible association between **maize** chloroplast protein synthesis elongation factor **EF-Tu** and **heat** tolerance.

=> d 2-11 so

L7 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
SO Plant Science (Shannon, Ireland) (2002), 163(6), 1075-1082
CODEN: PLSCE4; ISSN: 0168-9452

L7 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2003 ACS
SO Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United States, April 7-11, 2002 (2002), CHED-292 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69CKQP

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SO Plant Biology (Rockville), (2002) Vol. 2002, pp. 150.
http://www.aspb.org/meetings/. print.
Meeting Info.: Annual Meeting of the American Society of Plant Biologists on Plant Biology Denver, CO, USA August 03-07, 2002 American Society of Plant Biologists
.

L7 ANSWER 5 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Plant Biology (Rockville), (2002) Vol. 2002, pp. 148-149.
http://www.aspb.org/meetings/. print.
Meeting Info.: Annual Meeting of the American Society of Plant Biologists on Plant Biology Denver, CO, USA August 03-07, 2002 American Society of Plant Biologists
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http://www.aspb.org/meetings/. print.
Meeting Info.: Annual Meeting of the American Society of Plant Biologists on Plant Biology Denver, CO, USA August 03-07, 2002 American Society of Plant Biologists
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SO Abstracts of Papers American Chemical Society, (2002) Vol. 223, No. 1-2, pp. CHED 292. print.
Meeting Info.: 223rd National Meeting of the American Chemical Society Orlando, FL, USA April 07-11, 2002

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SO Planta, Feb 2001. Vol. 212, No. 3. p. 359-366
Publisher: Berlin ; New York : Springer-Verlag, 1925-
CODEN: PLANAB; ISSN: 0032-0935

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SO Plant Biology (Rockville), (2001) Vol. 2001, pp. 92. print.
Meeting Info.: Joint Annual Meetings of the American Society of Plant Biologists and the Canadian Society of Plant Physiologists Providence, Rhode Island, USA July 21-25, 2001 American Society of Plant Biologists
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SO Plant Biology (Rockville), (2000) Vol. 2000, pp. 104. print.
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SO Plant Biology (Rockville), (1999) Vol. 1999, pp. 126. print.
Meeting Info.: Annual Meeting of the American Society of Plant Physiologists Baltimore, Maryland, USA July 24-28, 1999 American Society of Plant Physiologists (ASPP)
.